BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Modified Estimate for Improvements of Drains and Construction of Cement Concrete Road at Devinagara and Muneshwara Layout in Ward No. 08, Kodigehalli Sub Division (Change of Place Kodigehalli Village Surroundings).

							Estimate Cost Rs.		1458319.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 152/ Item No. 19.1/ PWD SR 2012-13**	Cum							
	Desiltation of Road Side drains								
			Not Executed					TP	
							0.00	60.00	**0.00**
2	Removing B.S Slab of Drain and stacking **Page No. 28 / Item No. 5.32/ PWD SR 2013-14**	Sqm							
			Not Executed					TP	
							0.00	50.00	**0.00**
3	Refixing stone slabs of drains and pointing in C.M (1:3) **Page No. 28 / Item No. 5.33/ PWD SR 2012-13**	Sqm							
			Not Executed					TP	
							0.00	70.00	**0.00**
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete7.5 cms thick **Page No. 28 / Item No. 5.31.1/ PWD SR 2013-14**	Sqm							
			Not Executed				**0.00**	TP	
							0.00	350.00	**0.00**
5	KSRRB 300-3. Earth work excavation and foming in embankment by manual means in ordinary soil with initial lead upto 1.5m, and lift of 1.5m, (when earth Is taken from bank cutting of from borrow pits) including breaking of clods, spreading to required line and level, forming, and cost of all labour complete as per specifications. (excluding watering and compaction of earth) MORTH chapter 3. **No. 149 / Item No. 19.3/ PWD SR 2012-13**	Cum							
	For CC Road		1	115.00	4.00	0.15	69.00		
			1	70.00	4.00	0.20	56.00		
			1	45.00	3.80	0.20	34.20		
			1	63.00	3.50	0.15	33.08		
			1	27.00	4.00	0.15	16.20	TP	
							208.48	80.00	**16678.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	KSRRB 300-58: **Compaction of original ground with maximum** of 6 passes of 8 to 10 tonnes power roller including filling in depression occurring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH chapter 3, **No.134/ Item No. 19.64 / PWD SR 2012-13**	Sqm							
			Not Executed					TP	
								10.00	
7	KSRRB 300-64.2: extra for watering the earth of bring the earth upto required optimum moisture content manually including cost of all labour complete as per specifications, **No.134/ Item No. 19.72 / PWD SR 2012-13**	Cum							
			Not Executed					TP	
								50.00	
8	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using **40mm** and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, **in foundation and plinth**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 **Page No. 12 /Item No. 4.3 PWD SR - 2013-14**	Cum							
	For CC Road		1	115.00	4.00	0.15	69.00		
			1	70.00	4.00	0.15	42.00		
			1	45.00	3.80	0.15	25.65		
			1	63.00	3.50	0.15	33.08		
			1	27.00	4.00	0.15	16.20		
	Total Executed Qty						**185.93**	TP	
	Total Executed Qty upto 125%						**164.00**	3500.00	**574000.00**
	Total Executed Qty Above 125%						**21.93**	4717.14	**103423.00**
	Basic Rate	4488.00							
	Area Weightage @ 8%	359.04							
	Total	**4847.04**							
	Add Tende Premium@ -2.68%	**-129.90**							
	Total	**4717.14**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
9	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, **No. 13/ Item No. 4.11/ PWD SR 2013-14**	Cum							
	For CC Road		1	115.00	4.00	0.10	46.00		
			1	70.00	4.00	0.10	28.00		
			1	45.00	3.80	0.10	17.10		
			1	63.00	3.50	0.10	22.05		
			1	27.00	4.00	0.10	10.80	TP	
							123.95	5200.00	**644540.00**
10	**Vaccum De-watering** with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift No. **190 / Item No. 22.7/ PWD SR 2013-14**	Sqm							
	For CC Road		1	115.00	4.00		460.00		
			1	70.00	4.00		280.00		
			1	45.00	3.80		171.00		
			1	63.00	3.50		220.50		
			1	27.00	4.00		108.00	TP	
							1239.50	80.00	**99160.00**
11	Providing groove cutting for **cement pavement** wifth of 5mm to 10mm and depth 800mm-100mm including cost of cutting machine, generator and HOM of machinery, including cost of blade, coolant etc, including cleaning of groove and providing sand and hot bitumen fillarsm and filler metal etc including of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications **Page No. 191 / Item No. 22.8.1 / PWD SR 2013-14**	Rmt							
			12	4.00			48.00		
			7	4.00			28.00		
			5	3.80			19.00		
			6	3.50			21.00		
			3	4.00			12.00	TP	
							128.00	30.00	**3840.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
12	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
			Vide Item No. 1				208.48	TP	
							208.48	80.00	16678.00
								Total	1458319.00

(Rupees Fourteen Lakhs Fifty Eight Thousand Three Hundred and Ninteen Only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2013-14 and 2014-15.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

D.K. Madhu Murthy
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Modified.
Technical Sanction for Rs.
14.58 Lakhs.
Fourteen Lakhs, Fifty Eight only
P1771
Registered in Est. Register ... Subject to conditions contained therein if any.
No: 50 / 333 Dt: 9/10/14
AEE/E (BTP Div.)